

Work Order ID 60361

July 6, 2010 1:33:37 PM

Page 1



Item ID: D412-769-042

Accept



Setup Start



Revision ID:

Item Name: Aft Facing Seat, RH

Stop



Start Date: 7/06/10 Start Qty: 1.00



Cust Item ID:

Required Date: 7/20/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: CL

Date: 10/7/10

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN D412-769	Rev C

100 0.00



DOCUMENT CONTROL

DC

Document Control,

Memo

Photocopy bluefile & type labels per PPP D412-769-042 CHG 001

S10/00/26

HJ for BG 10-8-25

105



Pick Kit

0.00

10/8/25

Packaging

Memo

0.00

Packaging

110



QC4- 100% Inspect kits for completeness

0.00

QC

Quality Control

0.00

S10/08/26

HJ

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 1

July 6, 2010 1:33:37 PM

Work Order ID: 60361



Parent Item: D412-769-042



Parent Item Name: Aft Facing Seat, RH

Start Date: 7/06/10

Required Date: 7/20/10

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev A 08-07-17 new issue DD verified by:EC IPP Rev:B
10.03.23 as per IIN revC DD verified by:EC IPP Rev:C 10.06.07
added pick kit DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-724-041	C416701	Manufactured	No			105	Each	0.0000	1	1			
Head Rest Assembly, Center												B60364	10/18/24-SC
D412-724-044	C416701	Manufactured	No			105	Each	0.0000	1	1			
Head Rest Assembly, RH												BS9833	10/18/24-SC
D412-769-044		Manufactured	No			105	Each	0.0000	1	1	✓		
Aft Facing Seat Assembly, RH												60356	10/18/24(1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

4. WEIGHT AND BALANCE

The following is the weight increase associated with the D412-769-XXX Kits. The installer is responsible for the weight of the equipment coming out of the helicopter in order to install the D412-769-XXX Aft Facing Seat kits.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-769-011 Aft Facing Seat kit	60.0 lb 27.2 kg	0.0 in 0.0 m	0.00 in-lb 0.00 m-kg	87.0 in 2.21 m	5220 in-lb 60.11 m-kg
D412-769-041 Aft Facing Seat, LH (normal position)	30.0 lb 13.6 kg	-16.1 in -0.41 m	-483.0 in-lb -5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (normal position)	30.0 lb 13.6 kg	+16.1 in +0.41 m	+483.0 in-lb +5.58 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (center position)	30.0 lb 13.6 kg	-1.1 in -0.03 m	-33.0 in-lb -0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (center position)	30.0 lb 13.6 kg	+1.1 in +0.03 m	+33.0 in-lb +0.41 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-041 Aft Facing Seat, LH (right Position)	30.0 lb 13.6 kg	+13.9 in +0.35 m	+417.0 in-lb +4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg
D412-769-042 Aft Facing Seat, RH (left Position)	30.0 lb 13.6 kg	-13.9 in -0.35 m	-417.0 in-lb -4.76 m-kg	87.0 in 2.21 m	2610 in-lb 30.06 m-kg

5. PARTS LIST

Qty -011	Qty -041	Qty -042	Part Number	Description
X			D412-769-011	AFT FACING SEAT KIT
1	X		D412-769-041	AFT FACING SEAT, LH
1		X	D412-769-042	AFT FACING SEAT, RH
1			D412-769-043	AFT FACING SEAT ASSEMBLY, LH
		1	D412-769-044	AFT FACING SEAT ASSEMBLY, RH
1	1		D412-724-041	HEAD REST ASSEMBLY, CENTER
1			D412-724-043	HEAD REST ASSEMBLY, LH
		1	D412-724-044	HEAD REST ASSEMBLY, RH

* COPYRIGHT © 2008 BY DART AEROSPACE LTD *
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: C
 Date: 09.11.26

25.9 Parts List

Qty -011	Qty -041	Qty -042	Part Number	Description
X			D412-769-011	AFT FACING SEAT KIT
1	X		D412-769-041	AFT FACING SEAT, LH
1		X	D412-769-042	AFT FACING SEAT, RH
1	1		D412-724-041	HEAD REST ASSY, CENTER
1	1		D3303-041	HEAD REST
1	1		D3304-041	TUBE ASSEMBLY
4	4		AN525-10R6	SCREW
1			D412-724-043	HEAD REST ASSY, LH
1			D3303-041	HEAD REST
1			D3304-043	TUBE ASSEMBLY
4			AN525-10R6	SCREW
1			D412-724-044	HEAD REST ASSY, RH
1			D3303-041	HEAD REST
1			D3304-044	TUBE ASSEMBLY
4			AN525-10R6	SCREW
1			D412-769-043	AFT FACING SEAT ASSEMBLY, LH
1			D412-769-044	AFT FACING SEAT ASSEMBLY, RH
2	2		D3782-045	BACK LEG ASSEMBLY
1	1		.. D3772-1	BACK LEG
1	1		.. D3786-1	SLEEVE
1	1		.. D3787-1	FOOT
1	1		.. D3764-1	BACK LEG ADAPTER
1	1		.. D3773-041	HEAD REST ADAPTER
1	1		.. AN5-15A	BOLT
1	1		.. AN45-15A	EYE BOLT
1	1		.. AN5-17A	BOLT
2	2		.. AN4-15A	BOLT
4	4		.. NAS1149D0463J	WASHER
5	5		.. NAS1149D0568J	WASHER
2	2		.. MS21042L4	NUT
3	3		.. MS21042L5	NUT
1	1		.. D3782-041	FRONT INBOARD LEG ASSEMBLY
1	1		.. D3768-1	FRONT INBOARD LEG
1	1		.. D3762-041	FRONT LEG FITTING ASSY
1	1		.. D3787-1	FOOT
1	1		.. AN5-13A	BOLT
3	3		.. NAS1149D0568J	WASHER
2	2		.. MS21042L5	NUT
1	1		.. AN45-13A	EYE BOLT
1			.. D3782-043	FRONT OUTBOARD LEG ASSEMBLY, LH
1			.. D3768-3	FRONT OUTBOARD LEG, LH
1			.. D3762-041	FRONT LEG FITTING ASSY
1			.. D3787-1	FOOT
2			.. AN45-13A	EYE BOLT
2			.. NAS1149D0568J	WASHER
2			.. MS21042L5	NUT

• COPYRIGHT © 2008 BY DART AEROSPACE LTD.
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

25-00-00

Qty -011	Qty -041	Qty -042	Part Number	Description
		1	. D3782-044	FRONT OUTBOARD LEG ASSEMBLY, RH
		1	. D3768-4	FRONT OUTBOARD LEG, RH
		1	. D3762-041	FRONT LEG FITTING
		1	. D3787-1	FOOT
		2	. AN45-13A	EYE BOLT
		2	. NAS1149D0568J	WASHER
		2	. MS21042L5	NUT
1	1	1	. D3783-041	LATERAL BRACE ASSEMBLY
1	1	1	. D3769-1	TUBE
2	2	1	. D3765-1	CLEVIS
2	2	1	. AN5-13A	BOLT
4	4	1	. NAS1149D0568J	WASHER
2	2	1	. MS21042L5	NUT
2	2	1	. D3783-043	LONGITUDINAL BRACE ASSEMBLY
1	1	1	. D3769-3	TUBE
1	1	1	. D3765-1	CLEVIS
1	1	1	. AN5-13A	BOLT
2	2	1	. NAS1149D0568J	WASHER
1	1	1	. MS21042L5	NUT
1	1	1	. D3783-045	ANGLE BRACE ASSEMBLY
1	1	1	. D3769-5	TUBE
2	2	1	. D3765-1	CLEVIS
2	2	1	. AN5-13A	BOLT
4	4	1	. NAS1149D0568J	WASHER
2	2	1	. MS21042L5	NUT
1	1	1	. D3784-041	SEAT SUPPORT ASSEMBLY
1	1	1	. D3770-1	TUBE
1	1	1	. D3763-041	END FITTING ASSY
1	1	1	. D3763-045	END FITTING ASSY
2	2	1	. AN525-10R20	SCREW
4	4	1	. NAS1149D0332J	WASHER
2	2	1	. MS21042L3	NUT
1	1	1	. D3784-043	SEAT SUPPORT, LH
1	1	1	. D3762-043	END FITTING ASSY, LH
1	1	1	. D3770-1	TUBE
1	1	1	. D3770-3	TUBE
2	2	1	. D3763-041	END FITTING ASSY
4	4	1	. AN525-10R20	SCREW
4	4	1	. NAS1149D0332J	WASHER
4	4	1	. MS21042L3	NUT
1	1	1	. D3784-044	SEAT SUPPORT, RH
1	1	1	. D3762-044	END FITTING ASSY, RH
1	1	1	. D3770-1	TUBE
1	1	1	. D3770-3	TUBE
2	2	1	. D3763-041	END FITTING ASSY
4	4	1	. AN525-10R20	SCREW
4	4	1	. MS21042L3	NUT
8	8	1	. NAS1149D0332J	WASHER

• COPYRIGHT © 2008 BY DART AEROSPACE LTD.
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

25-00-00

REFERENCE ONLY

DART AEROSPACE LTD.

ICA-D412-769

ICA Page 19 of 34

Qty -011	Qty -041	Qty -042	Part Number	Description
	1		. D3766-1	FRONT RAIL, LH
		1	. D3766-2	FRONT RAIL, RH
1	1	1	. D3766-3	REAR RAIL
1	1	1	. D3767-1	UPPER RAIL
1	1	1	. AN45-13A	EYE BOLT
6	6	1	. AN5-10A	BOLT
2	2	1	. AN5-13A	BOLT
20	20	1	. NAS1149D0568J	WASHER
4	4	1	. NAS1149D0463J	WASHER
12	12	1	. MS21042L5	NUT
2	2	1	. MS21042L4	NUT
28	28	1	. MS21042L3	NUT
2	2	1	. AN4-15A	BOLT
1	1	1	. D412-724-041	HEAD REST ASSEMBLY, CENTER
1		1	. D412-724-043	HEAD REST ASSEMBLY, LH
		1	. D412-724-044	HEAD REST ASSEMBLY, RH
1	1	1	. D3774-1	SEAT BOTTOM
1	1	1	. D3774-3	SEAT BACK
13	13	1	. AN525-10R22	SCREW
9	9	1	. AN525-10R24	SCREW
21	21	1	. NAS1149D0363J	WASHER
13	13	1	. NAS1149D0332J	WASHER
6	6	1	. AN3-5A	BOLT
2	2	1	. D3775-1	GUARD
3	3	1	. D3792.1	SEAT BELT EYE BOLT

NOTE: . PART INCLUDED WITH ASSEMBLY ABOVE
 .. PART INCLUDED WITH ASSEMBLY ABOVE
 ... PART INCLUDED WITH ASSEMBLY ABOVE

• COPYRIGHT © 2008 BY DART AEROSPACE LTD.
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

25-00-00

Revision: 1